

**GATEWAY CITIES TRAFFIC SIGNAL SYNCHRONIZATION AND BUS  
SPEED IMPROVEMENT PROJECT  
I-5/TELEGRAPH ROAD****Progress Report #22  
June 15 – July 12, 2002****TASK NO. 1: PROJECT MANAGEMENT***Task No. 1.1 Project Coordination***Percent Complete Previously: 95%**  
**Percent Complete this Period: 2%**  
**Total Percent Complete To Date: 97%**

Worked with the County to finalize cost estimates for additional work (interview additional cities and to confirm the additional streets with the existing agencies, and impact of including additional streets to the Phase 1 scope of work).

*Task No. 1.2 Attend Project Meetings***Percent Complete Previously: 58%**  
**Percent Complete this Period: 4%**  
**Total Percent Complete To Date: 62%**

Siemens GTS staff attended a Progress Meeting with the County on July 3, 2002.

*Task No. 1.3 Create and Maintain Project Web***Percent Complete Previously:**  
Web Site: 95%  
Maintenance: 32%  
**Percent Complete this Period:**  
Web Site: 0%  
Maintenance: 8%  
**Total Percent Complete To Date:**  
Web Site: 95%  
Maintenance: 40%

Reformatted the web-site design.  
Updated the web-site with Project status reports.

The project web-site is available for viewing at:

<http://www.gts.sea.siemens.com>

under “Projects”

**Upcoming work:**

Update the Web Site as needed

*Task No. 1.4 Prepare Project Reports*

**Percent Complete Previously: 54%**

**Percent Complete this Period: 4%**

**Total Percent Complete To Date: 58%**

Prepared and submitted progress report and invoice for the last period.

## **TASK NO. 2: STAKEHOLDERS AND OPERATIONAL OBJECTIVES**

This task has been completed.

## **TASK NO. 3: REQUIREMENTS ANALYSIS**

### **TASK NO. 3.1: ATMS USER REQUIREMENTS**

This task has been completed.

### **TASK NO. 3.2: ATMS FUNCTIONAL REQUIREMENTS**

This task has been completed.

### **TASK NO. 3.3: INTEGRATION SYSTEM USER REQUIREMENTS**

This task has been completed.

### **TASK NO. 3.4: INTEGRATION SYSTEM FUNCTIONAL REQUIREMENTS**

This task has been completed.

### **TASK NO. 3.5: COMMUNICATION REQUIREMENTS**

This task has been completed

### **TASK NO. 3.6: FINAL REQUIREMENTS ANALYSIS**

This task has been completed.

## **TASK NO. 4: HIGH LEVEL SYSTEM DESIGN**

### **TASK NO. 4.1: DRAFT HIGH LEVEL DESIGN REPORT**

- Continued work on the draft High Level Design Report for VDS.

- Revised draft High Level Design Report (ATMS and LCC) based on County's comments and submitted the final version to the County on July 3, 2002.

**Upcoming work:**

Complete and submit draft High Level Design Report for VDS.

**TASK NO.: 7: ATMS CONCEPTUAL DESIGN REPORT**

Continued work on VDS location analysis.

**Upcoming work:**

- Start work on LCC Site conceptual design. Set-up meetings with the City to confirm recommendations made in the high level design report and collect information on central system equipment location.
- Review VDS location analysis with the County.
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**TASK NO.: 13: CCTV LOCATION ANALYSIS**

Continued work on CCTV location analysis.

**Upcoming work:**

- Review CCTV location analysis with the County.

**TASKS 5, 6, AND 8 TO 12**

Work has not yet started on these tasks.

Alan Clelland  
Project Manager

August 8, 2002

**Deliverable Status as of July 3, 2002**

| <b>Task</b>  | <b>Status</b> | <b>Anticipated Completion Date</b> |
|--|---------------|------------------------------------|
| <b>Task 1: Project Management</b>                            |               |                                    |
| 1.1 Project Coordination                                     | On-Going      |                                    |
| 1.2 Attend Project Meetings                                  | On-Going      |                                    |
| 1.3 Create and Maintain Web page                             | On-Going      |                                    |
| 1.4 Prepare Project Reports                                  | On-Going      |                                    |
| Travel/ODC   | On-Going      |                                    |
| <b>Task 2: Stakeholders and Operational Objectives</b>       |               |                                    |
| 2.1 Draft Operational Objectives Report                      | Completed     |                                    |
| 2.2 Final Operational Objectives Report                      | Completed     |                                    |
| 2.3 Individual City Reports                                  | Completed     |                                    |
| <b>Task 3: Requirements Analysis</b>                         |               |                                    |
| 3.1.1 Draft ATMS User Requirements                           | Completed     |                                    |
| 3.1.2 Final ATMS User Requirements                           | Completed     |                                    |
| 3.2 ATMS Functional and Local City Control Site Requirements |               |                                    |
| 3.2.1 Draft  | Completed     |                                    |
| 3.3 Integration System User Requirements                     |               |                                    |
| 3.3.1 Draft  | Completed     |                                    |
| 3.3.2 Final  | Completed     |                                    |
| 3.4 Integration System Functional Requirements               |               |                                    |
| 3.4.1 Draft  | Completed     |                                    |
| 3.5 Communications Requirements                              |               |                                    |
| 3.5.1 Draft  | Completed     |                                    |
| 3.6 Requirements Analysis Final                              | In-Progress   | April 8, 2002                      |
| <b>Task 4: High Level System Design</b>                      |               |                                    |
| 4.1 High Level System Design Report                          |               |                                    |
| 4.1.1 Draft  |               |                                    |
| 4.1.1.1 System HLD Draft                                     | Completed     |                                    |
| 4.1.1.2 VDS Draft  |               | July 11, 2002                      |
| 4.1.2 Final  |               | July 31, 2002                      |
| <b>Task 5: Alternatives Analysis</b>                         |               |                                    |
| 5.1 ATMS Analysis  |               |                                    |
| 5.1.1 Draft Systems Alternatives Analysis                    |               | September 5, 2002                  |
| 5.1.2 Final Systems Alternatives Analysis                    |               | September 26, 2002                 |
| 5.2 Communications Analysis                                  |               |                                    |
| 5.2.1 Draft  |               | September 19, 2002                 |
| 5.2.2 Final  |               | October 17, 2002                   |
| <b>Task 6: Recommendations</b>                               |               |                                    |
| 6.1 Draft  |               | November 14, 2002                  |
| 6.2 Final  |               | December 5, 2002                   |
| <b>Task 7: Conceptual Design Report</b>                      |               |                                    |
| 7.1 Draft  |               |                                    |
| 7.1.1 ATMS   |               | December 26, 2002                  |
| 7.1.2 Local City Control Site                                |               | January 2, 2003                    |
| 7.1.3 Integration Systems                                    |               | January 2, 2003                    |

| Task  | Status | Anticipated Completion Date |
|---|--------|-----------------------------|
| 7.1.4 Communications  |        | January 9, 2003             |
| <b>Task 8: Operations and Maintenance Plan</b>                |        |                             |
| 8.1 Draft   |        | March 6, 2003               |
| 8.2 Final   |        | April 7, 2003               |
| <b>Task 9: Technical Operational and Institutional Issues</b> |        |                             |
| 9.1 Draft   |        | Removed                     |
| 9.2 Final   |        | Removed                     |
| <b>Task 10: City Concurrence</b>                              |        |                             |
| 10.1 Resolutions  |        | February 27, 2003           |
| 10.2 Minutes  |        | February 13, 2003           |
| <b>Task 11: Final Conceptual Design Report</b>                |        |                             |
| 11.1 Draft  |        | March 6, 2003               |
| 11.2 Final  |        | March 27, 2003              |
| <b>Task 12: Strategic Implementation Plan</b>                 |        |                             |
| 12.1 Scope of Work  |        |                             |
| 12.1.1 Draft  |        | April 10, 2003              |
| 12.1.2 Final  |        | April 22, 2003              |
| 12.2 Project Budget   |        |                             |
| 12.2.1 Budget   |        | April 25, 2003              |
| 12.2.2 Cash Flow Chart  |        | April 30, 2003              |
| 12.3 Project Schedule   |        | April 10, 2003              |
| 12.4 Strategic Plan Final Report                              |        |                             |
| 12.4.1 Draft  |        | May 2, 2003                 |
| 12.4.2 Final  |        | May 20, 2003                |
| 12.4.3 Executive Summary                                      |        | May 26, 2003                |
| <b>Task 13: CCTV Location Analysis (TG Road)</b>              |        |                             |
| 13.1 Draft  |        | July 30, 2002               |
| 13.2 Final  |        | August 30, 2002             |